

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

GRANT ALAN INGRAM and
GOPICHANDRA SURNILLA

Serial No. : 10/064,008

Filed : June 4, 2002

For : METHOD AND SYSTEM FOR RAPID HEATING OF AN
EMISSION CONTROL DEVICE

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Date: November 14, 2003

Examiner: Diem Tran

Group Art Unit:3748

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INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98

Applicants are submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the Patent Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 form(s). The filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicants respectfully request that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

CONTENT OF DISCLOSURE

This Information Disclosure Statement includes (1) two pages of PTO-1449 forms, and (2) a legible copy of each reference listed on the form(s).

Applicants would also like to make the Examiner aware of Rejections in the applications identified in the Supplemental Information Disclosure Statement filed November 22, 2002. These include: (1) US Patent 4,467,602 under 35 U.S.C. § 102 and 35 U.S.C. § 103 in 10/064,019; (2) US Patent 5,979,413 under 35 U.S.C. § 102 and 35 U.S.C. § 103 in 10/064,019; and (3) US Patent 6,382,193 under 35 U.S.C. § 103 in 10/064,013. Applicants assume the Examiner can access these documents if desired. However, Applicants can also provide copies if this would be helpful to the Examiner.

FOREIGN-LANGUAGE REFERENCES

A concise explanation of the relevance of each listed reference not in the English language follows:

German Patent No. 10107158 A1: The corresponding US application (US Patent No. 6,408,618) shows: A controller for a cylinder cut-off type internal combustion engine is provided for ensuring an activated state of catalysts in cylinders, which are stopped during a partial cylinder operation, at all times to maintain favorable emission characteristics upon switching from the partial cylinder operation to a full cylinder operation, and for maintaining a satisfactory fuel consumption rate by conducting the partial cylinder operation to the utmost. The cylinder cut-off type internal combustion

engine can be switched between the partial cylinder operation and the full cylinder operation. Exhaust gas from cylinders in a left bank is purified by two catalyst units in exhaust pipes independent of each other. The controller estimates an estimated catalyst temperature of the catalyst for the right bank, and disables the partial cylinder operation when the estimated catalyst temperature is below a predetermined temperature.

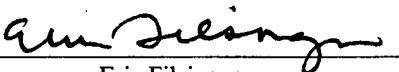
TIMING OF DISCLOSURE / FEE INFORMATION

This Information Disclosure Statement is being filed, to the best of the undersigned's knowledge, either (1) before the mailing of a first Office action on the merits, or (2) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding this
Information Disclosure Statement.

CERTIFICATE OF MAILING

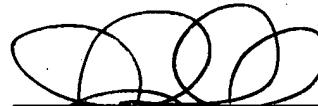
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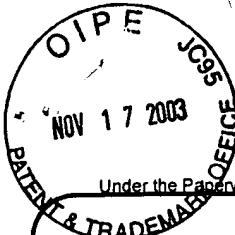
Erin Filsinger

Respectfully submitted,

KOLISCH HARTWELL, P.C.



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PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/064,008
Filing Date	June 4, 2002
First Named Inventor	Grant Alan Ingram
Art Unit	3748
Examiner Name	Diem T. Tran
Total Number of Pages in This Submission	202-0405 (FGT 328)

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> -Form PTO 1449
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	<input type="checkbox"/> -References
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name John D. Russell, Reg. No. 47,048; Pierre C. Van Rysselberghe, Reg. No. 33,557
Kolisch Hartwell, P.C.

Signature

Date

November 14, 2003

CERTIFICATE OF TRANSMISSION/MAILING

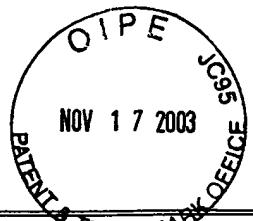
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Typed or printed name	Erin Filsinger	
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Signature		Date	November 14, 2003
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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SHEET 1 OF 2

FORM PTO-1449		DOCKET NUMBER FGT 328 (202-0405)	APPLICATION NUMBER 10/064,008
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANTS Grant Alan Ingram and Gopichandra Surnilla	
		FILING DATE June 4, 2002	GROUP ART UNIT 3748

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,134,261	01-16-1979	Iizuka et al.			
	4,207,855	06-1980	Phillips			
	4,467,602	08-28-1984	Iizuka et al.			
	4,860,716	08-1989	Deutschmann			
	5,496,228	03-05-1996	Takata et al.			
	5,778,666	07-1998	Cullen et al.			
	5,930,992	08-1999	Esch et al.			
	5,950,603	09-1999	Cook et al.			
	6,014,963	01-2000	Narita			
	6,158,218	12-2000	Herold et al.			
	6,161,531	12-2000	Hamburg et al.			

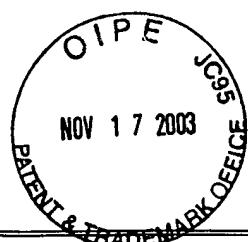
FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO
	10107158 A1	08-2001	DE				X

OTHER DOCUMENTS

EXAMINER	DATE CONSIDERED
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SHEET 2 OF 2

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	6,247,445	06-2001	Langer			
	2001/0011540	08-2001	Mashiki			
	6,349,710 B1	02-2002	Kawai et al.			
	6,367,443	04-2002	Bassi et al.			
	6,382,193	05-2002	Boyer et al.			
	6,389,806	05-2002	Glugla et al.			
	6,408,618	06-25-2002	Ide			
	6,415,601	07-2002	Glugla et al.			
	6,513,509 B1	02-2003	Matsumoto			
	6,546,910	04-2003	Tanaka et al.			
	6,568,177 B1	05-2003	Surnilla			
	6,619,241 B2	09-2003	Otterspeer et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER			DATE CONSIDERED			

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